



Cyborg Intake System

“The World’s First Tuned air Intake System!”
 Factory safe air/fuel ratio’s for Optimum performance
 Injens tuning process covered by three U.S. Patents

Part number SP1311
2012-2013 Kia Soul
1.6L 4cyl.

- 1- 2 Piece intake pipe
- 1- 2.75” Nano Fiber dry filter (#1013BB)
- 1- 2.50” Straight hose (#3048)
- 1- 2.75” Straight hose (#3043)
- 4- SAE 44 Clamp (#4003)
- 1- M6 flange nut (#6002)
- 1- Fender washer (#6010)
- 1- M6 Male/Female Vibra mount (#6028)
- 1- 4- page instruction

Note: All parts and accessories are sold on-line at **“injenonline.com”**

Note: The C.A.R.B Exempt sticker must be attached under the hood in a manner such that it is easily viewed by an emissions inspector.

Congratulations! You have just purchased the best engineered, dyno-proven air intake system available.

Please check the contents of this box immediately.

Report any defective or missing parts to the Authorized Injen Technology dealer you purchased this product from.

Before installing any parts of this system, please read the instructions thoroughly. If you have any questions regarding installation please contact the dealer you purchased this product from.

Installation DOES require some mechanical skills. A qualified mechanic is always recommended.

*Do not attempt to install the intake system while the engine is hot. The installation may require removal of radiator fluid line that may be hot.

Injen Technology offers a limited lifetime warranty to the original purchaser against defects in materials and workmanship. Warranty claims must be handled through the dealer from which the item was purchased.

Injen Technology 244 Pioneer Place Pomona, CA 91768 USA

Please check the contents of this box immediately.

Note: This intake system was Dyno-tested with an Injen filter and Injen parts the use of any other filter or part will void the warranty and CARB exemption number.

Parts and accessories are available on line at **“Injenonline.com”**

Warning: Manufactures attempting to duplicate Injen’s patented process will now face legal action.

MR Technology Step down process:

- 1- Calibration Method for Air Intake Tracts for Internal Combustion Engines. Covered under Patent# 7,359,795
- 2- Calibration Device for Air Intake Tracts for Internal Combustion Engines. Published and patent pending
- 3- Calibration Method and Device for Air Intake Tracts having Air Fusion Inserts Published and patent pending

Note: Injen strongly recommends that this system be installed by a professional mechanic.



Figure 1



Figure 2



Figure 3
Stock OEM intake system.

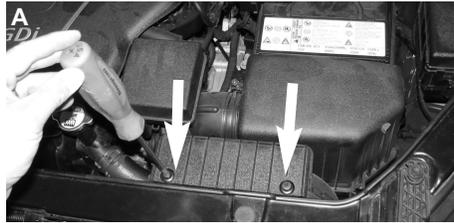


Figure A: Use a phillips screw driver and remove the two plastic retaining screws on the front vent duct.
Figure B: This air duct will be removed.

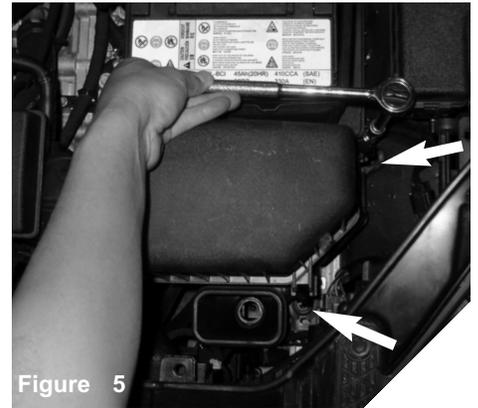


Figure 5
Use a 3/8 -10mm socket with extension and ratchet and loosen the two 10mm bolt on the air box assembly.



Figure 6
Firmly lift up on the engine cover and remove the engine cover from the engine bay for now. This cover will be re-installed later

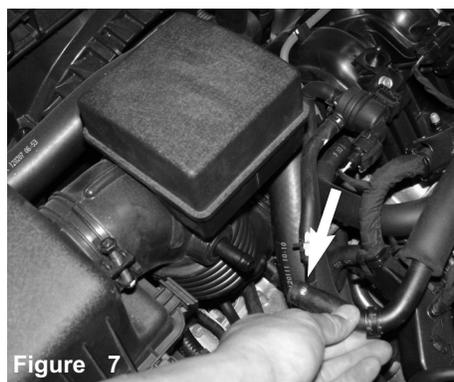


Figure 7
Disconnect the crank case vent tube from the air box air duct hose.

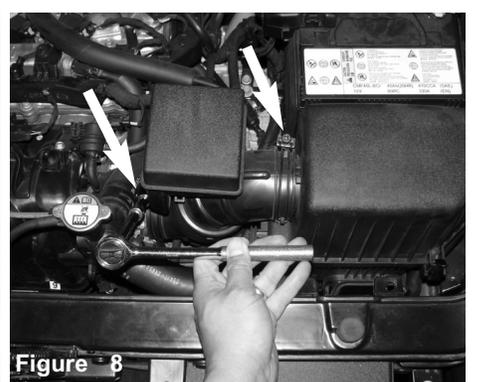


Figure 8
Use a 10mm socket and ratchet and loosen the clamp on the throttle body side and air box side of the air duct hose.



Figure 9
disconnect the air duct from the throttle body and air box and remove the air duct hose



Figure 10
Lift up on the air box assembly and remove the entire air box assembly from the engine bay.



Figure 11
You must remove the front bumper in order to install this intake system. Remove all the screws and plastic retaining clips indicated in the photo and then pull the front bumper off.



Figure 12
Locate the air box resonator in the drivers side front bumper wheel well area. Remove the 10mm bolt attaching the resonator to the chassis and then pull the entire air box resonator out.



Figure 13
Place the 2.50" straight hose and two #40 clamps onto the throttle body and only secure the clamp on the throttle body side only for now.

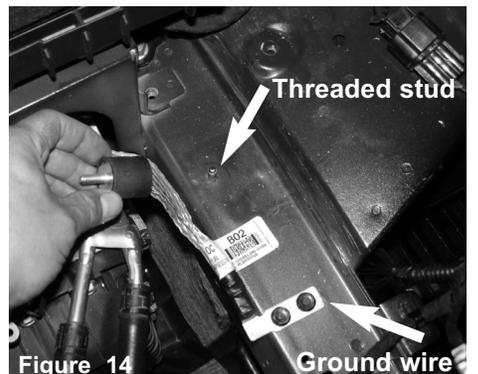


Figure 14
Place the Injen male/female vibramount onto the threaded stud on the chassis where the stock air box assembly once was. You can use the transmission ground strap for reference



Figure 15

Locate the two ground wires under the headlight on the drivers side wheel well. Unbolt the two 10mm bolts securing the ground wires to the chassis.

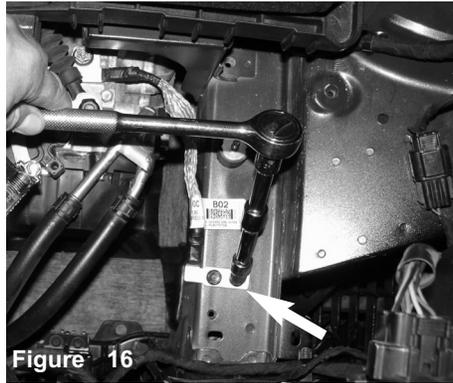


Figure 16

Remove the right bolt on the transmission ground wire located in the engine bay. The two ground wires from figure 15 will be relocated to this grounding point

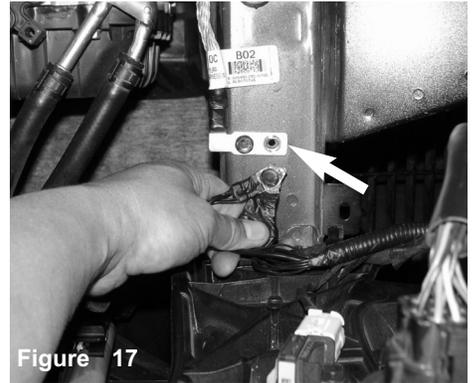


Figure 17

Relocate the two ground wires from figure 15 to the transmission ground wire. Reuse the 10mm bolt and secure the ground wires to the chassis. Relocating the ground wire will allow slack in the main wire harness.



Figure 18

Place the short Injen intake pipe with the 2.50" end onto the throttle body hose

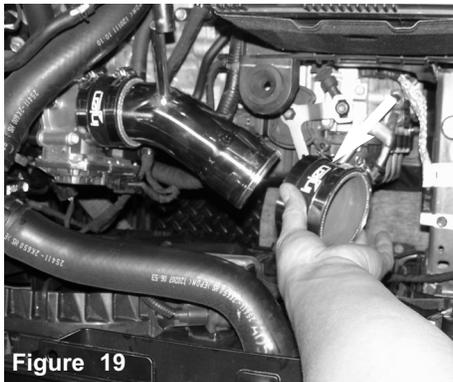


Figure 19

Place the 2.75" hose and two #48 clamps onto the 2.75" end of the intake pipe



Figure 20

Place the Long Injen intake pipe through the opening under the drivers side headlight.

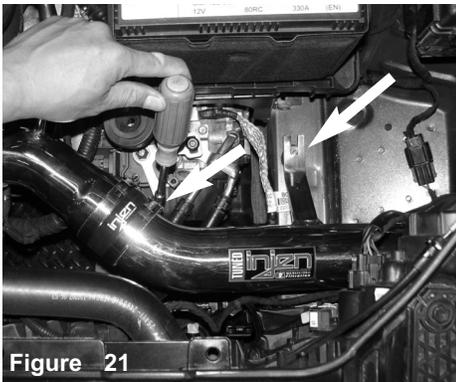


Figure 21

Position the intake pipe for best possible fitment. Align the intake bracket to the vibra mount from figure 14. Now secure the #48 clamp on the 2.75" hose securing the two pipes together.

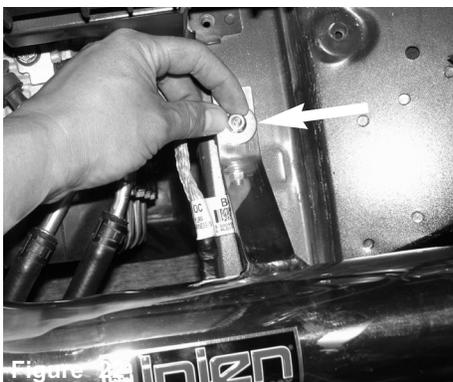


Figure 22

Place the supplied M6 nut and fender washer onto the threaded stud on the vibra mount. You may down tighten the M6 nut to secure the intake bracket to the vibra mount

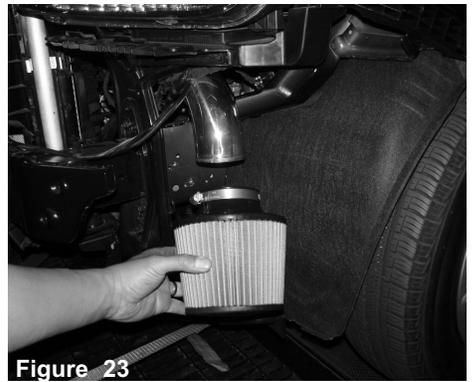


Figure 23

Place the filter onto the end of the intake pipe. Tighten the clamp on the filter with a 8mm nut driver to secure the filter to the intake pipe.



Figure 24

Your intake installation is now complete. Go over all your clamps and fittings to make sure they are snug. Check the clearance on the pipe and make sure it does not make contact with any components in the engine bay.



Figure 25

Congratulations! You have just completed the installation of the World's first tuned intake system, the Injen SP intake, featuring MR Technology and Air Fusion. Periodically, check the system for fitment, this will enhance the life of your Injen SP system, failure to do so will void the warranty.

1. Upon completion of the installation, reconnect the negative battery terminal before you start the engine.
2. Align the entire intake system for the best possible fit. Once the intake has been properly fitted continue to tighten all nuts, bolts and clamps.
3. Periodically, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.
4. Start the engine and listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that maybe causing leaks or rattles and correct the problem.
5. Check the filter for excessive dirt build up. Clean or replace the filter with an original Injen filter (can be bought on-line at "injenonline.com"). Congratulations! You have just completed the installation of the best intake system sold on the market. Enjoy the added power and performance of your new intake system.